

FIG. 1A

PRIMA BCOLI

RRMA_ECOLI
S.typhimurium
Yersinia
V.cholerae
Pseudo.putida
P.aeruginosa
Strep.fradiae
B.subtilis
Lacto.lactis
Strep.pneumoniae

TTT
β1
β2
TT
β3
TT
β4

1
10
20
30
40
50

. MSFS CBLCHQHPMSREK . NSYIC PPR . HOFMAHRECYVNLUPV OHNKR SRDPGDS
 MSFT CBLCHQHPILTOIH . NSVIC PPR . HOFMAHRECYVNLUPV OHNKR SRDPGDS
 MSYV CBLCHQHPDLSQ . QWVC SNR . HOFMAHRECYVNLUPV OHNKR SRDPGDS
 MLIETTTFLCBLCEHPLTLNQ . TTYAC INR . HOFMAHRECYVNLUPV OHNKR SRDPGDS
 MLP CBLCSAHLRL . NCVVC PAG . HOFMAHRECYVNLUPV OHNKR SRDPGDS
 MLC CBLCSAHLRLGEVD . NGVAC PAG . HOFMAHRECYVNLUPV OHNKR SRDPGDS
 MRKNVRYLR CBLCAAPHRSSD . RTRLR ENG . HOFMAHRECYVNLUPV OHNKR SRDPGDS
 MKRTVDFSMER CBLCSMDSSA GSKSLCTER G . HOFMAHRECYVNLUPV OHNKR SRDPGDS
 MLEKIEAYLLEENVMELR CBLCKHPQLAA . YALFK ENR . HOFMAHRECYVNLUPV OHNKR SRDPGDS
 MNTNLKPKLQRFASATAFLR CBLCOENLTLL . NTPKQ CNR . HOFMAHRECYVNLUPV OHNKR SRDPGDS

RRMA ECOLI

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 Lacto. lactis
 Strep. pneumoniae

$\alpha 1$ $\alpha 2$ B5 $\alpha 3$ T...T B6
GGGGGGGG GGGGGGGGGGGGGGGGGG GGGGGGGGGG T...T
6 \times 7 \times 8 \times 9 \times 10 \times 11 \times

AEMMMAAFRIAPFLDAGHTOPLRDAIVALLRERLDD...KATAVLDDGGCEGGYTHAFADALP...EITTFG
AEMMMAAFRIAPFLDAGHTOPLRDAIVALLRERLDDQ...SATAILDDGGCEGGYTHAFAEALP...GVTFPG
PEMMAAFRIAPFLDAGHTOPLRDAIVALLRERLDDQ...DATRLDDGGCEGGYTHAFADRLNKL...RMAIFG
KEMMMAAFRIAPFLDAGHTOPLRDAIVALLRERLDDQ...RQTLDDGGCEGGYTHAFADRLNKL...QDSAEIGP
QAMMMAAFRIAPFLDAGHTOPLRDAIVALLRERLDDQ...PGAWLDDGGCEGGYTHAFADRLNKL...AADGYA
AEMMMAAFRIAPFLDAGHTOPLRDAIVALLRERLDDQ...DRRLDDGGCEGGYTHAFADRLNKL...CAEGYA
...MVAFAAAILDAGHTOPLRDAIVALLRERLDDQ...ADPCVDDGGCEGGYTHAFADRLNKL...DABGLL
AEMMMAAFRIAPFLDAGHTOPLRDAIVALLRERLDDQ...HSHLDDGGCEGGYTHAFADRLNKL...KAAIGT
RMEFPEPRLRLDAGHTOPLRDAIVALLRERLDDQ...NLDDGGCEGGYTHAFADRLNKL...AKAFKA
KEMMMAAFRIAPFLDAGHTOPLRDAIVALLRERLDDQ...KTTTILDDGGCEGGYTHAFADRLNKL...EXTFYA

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[illegible]

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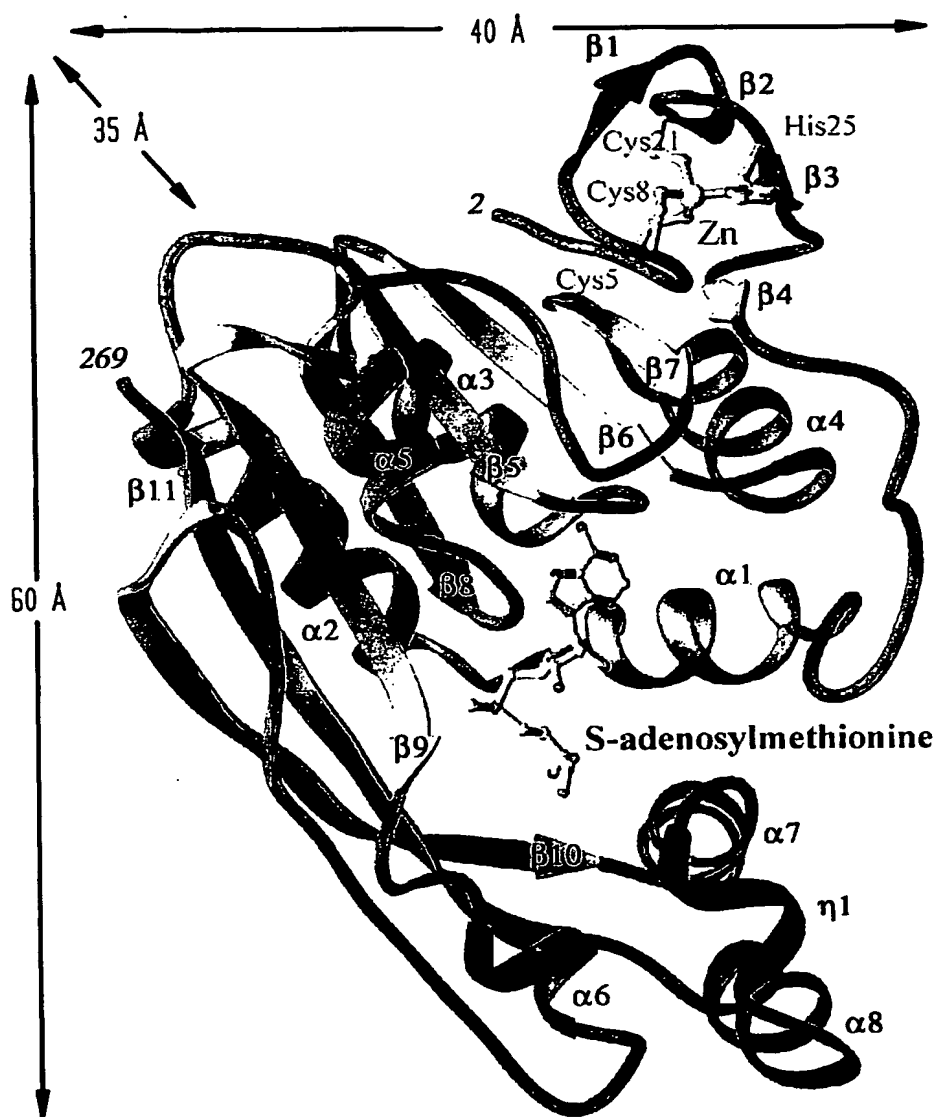
[illegible]

RPM BOLI

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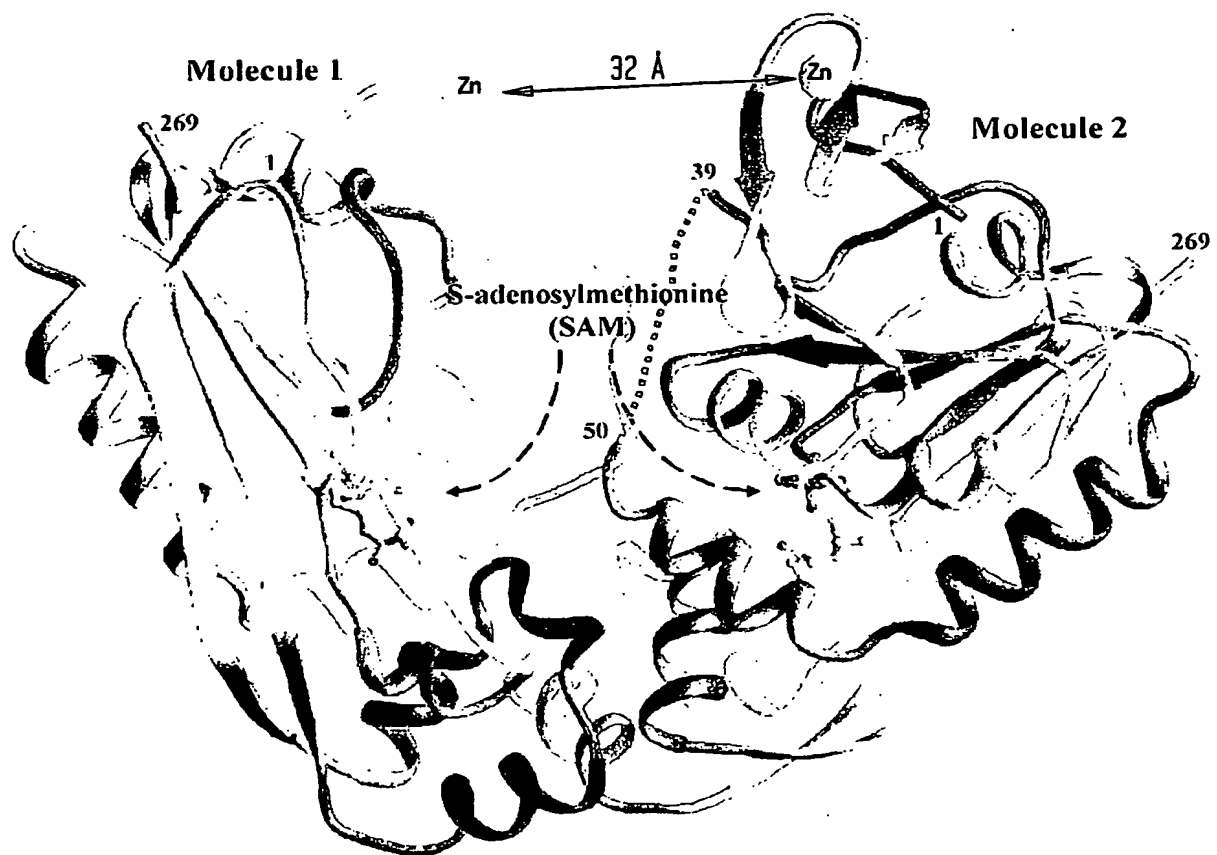
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FIG. 1B



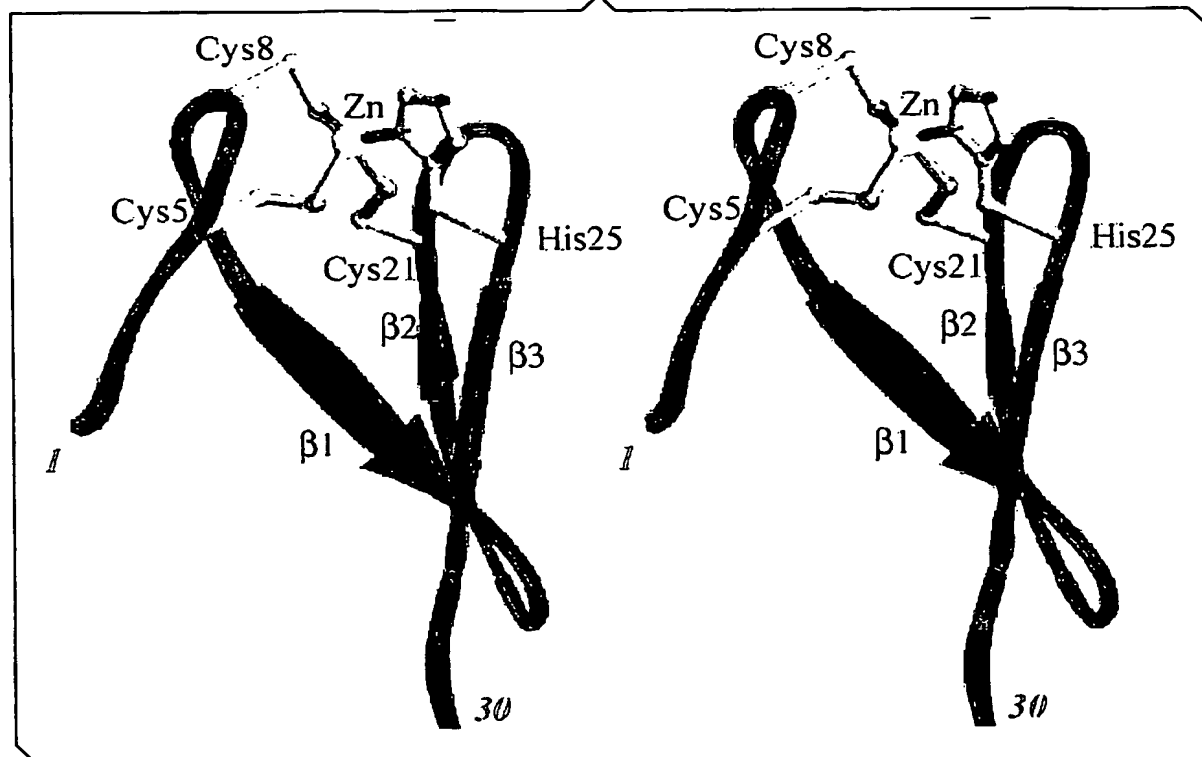
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FIG. 2A



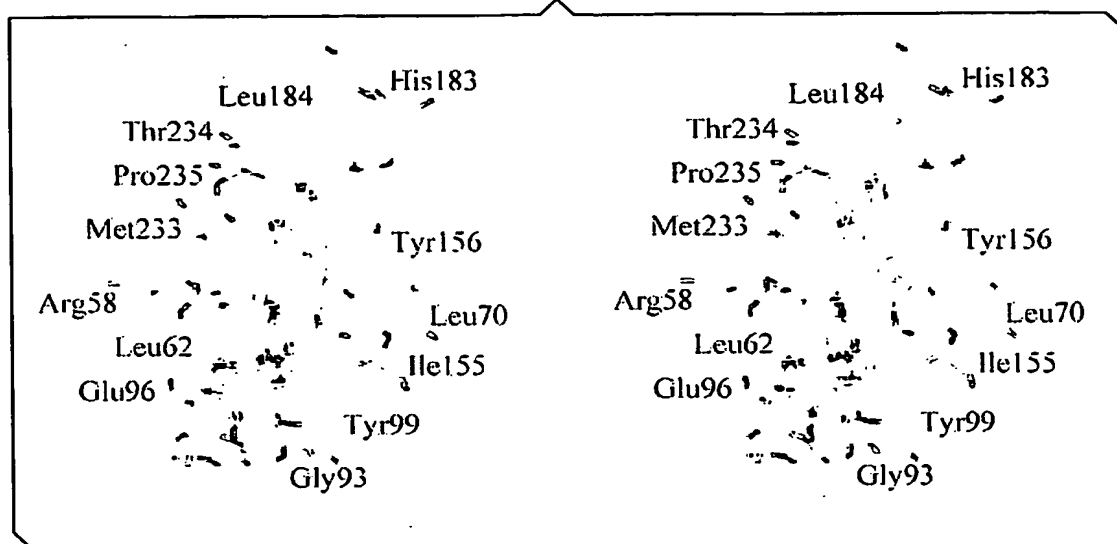
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FIG. 2B



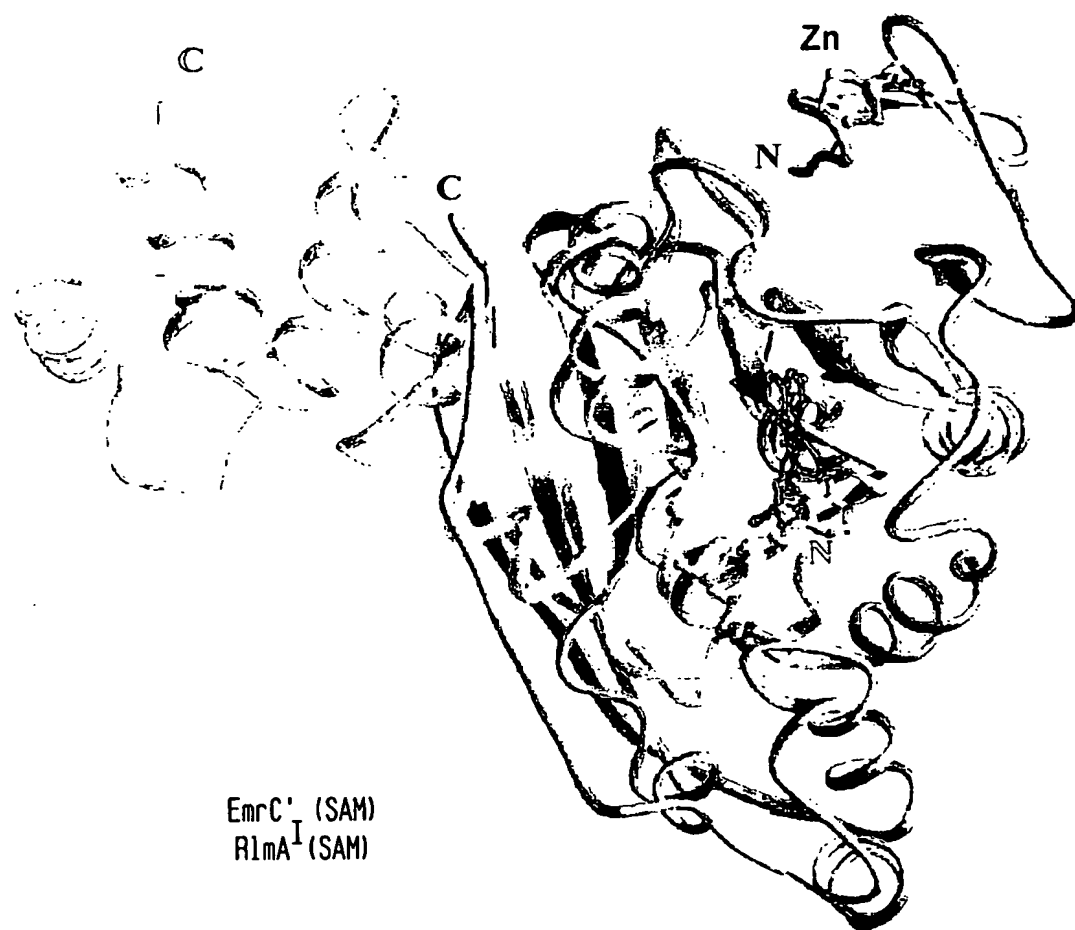
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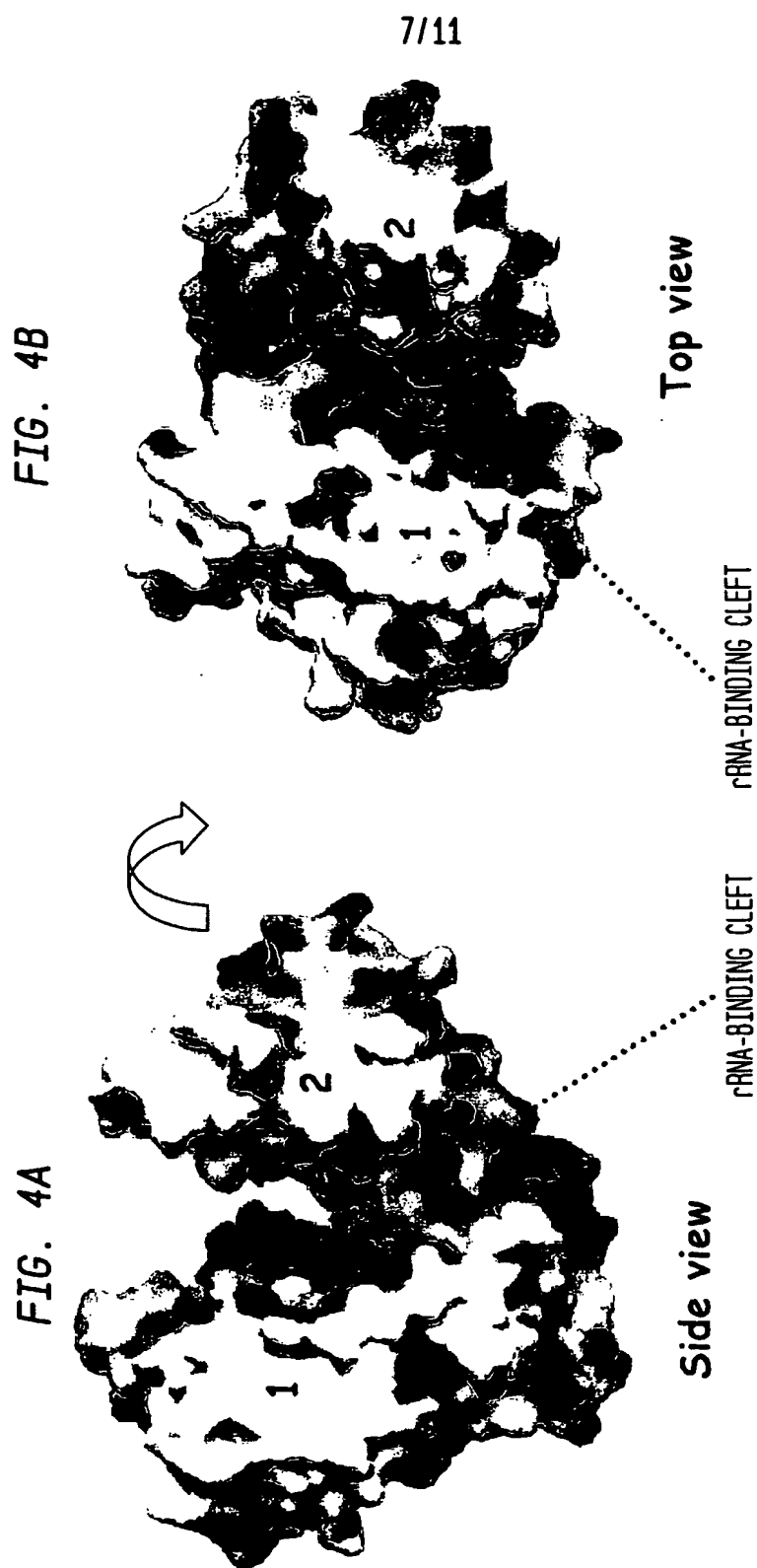
FIG. 2C



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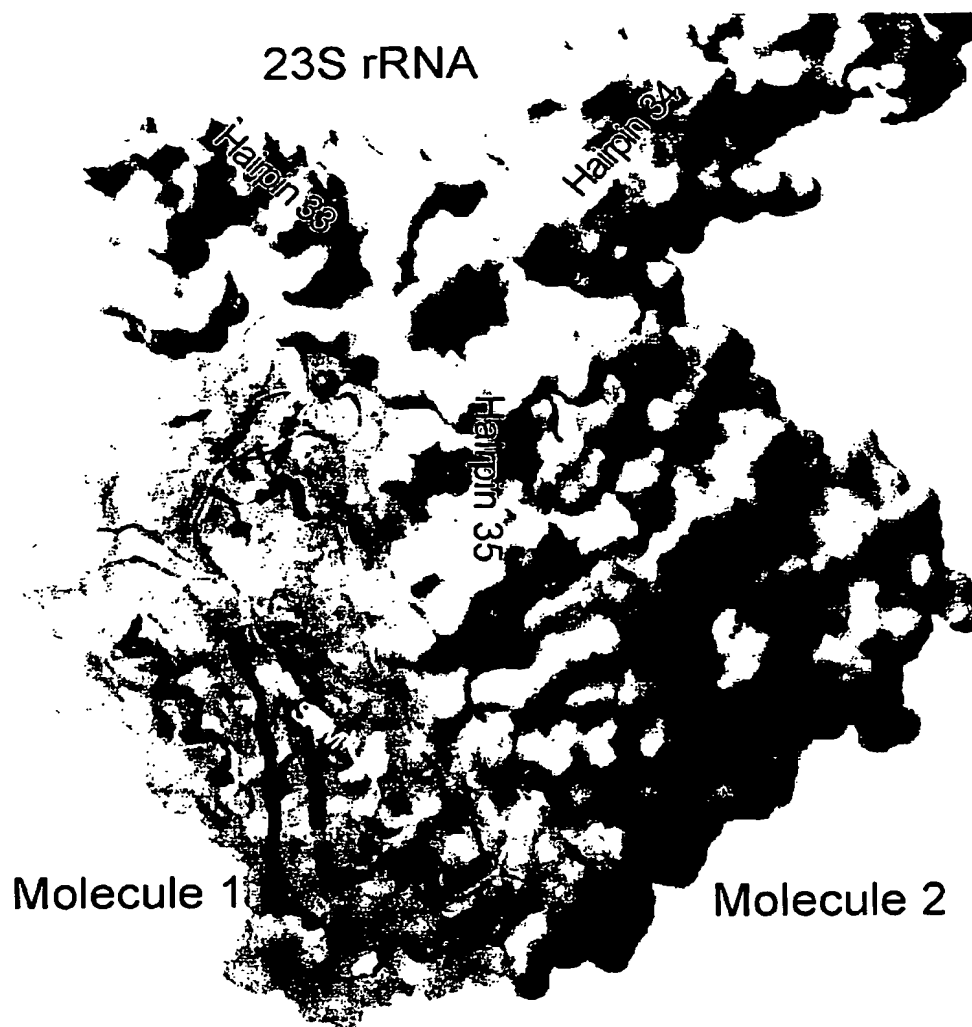
FIG. 3





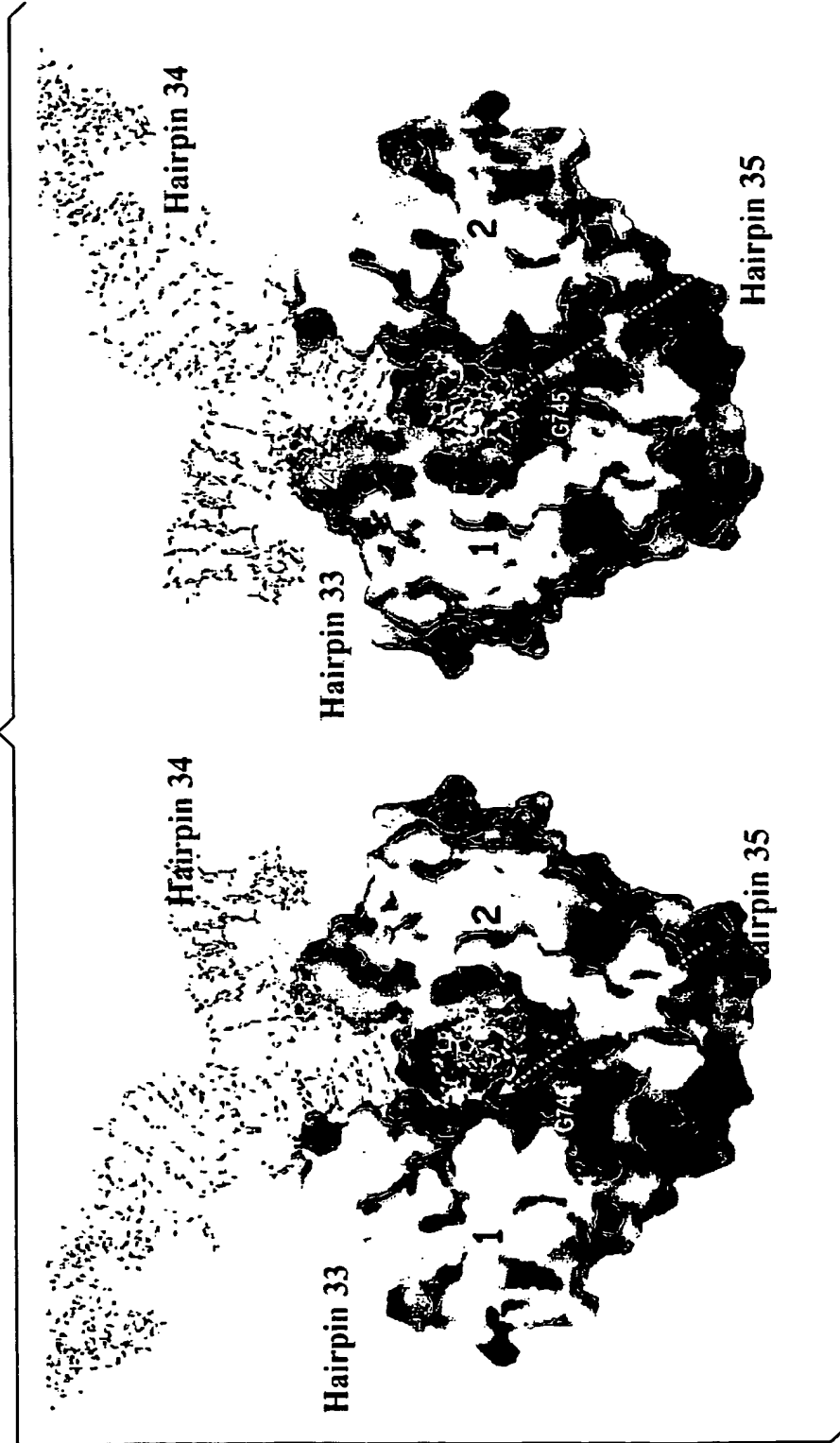
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FIG. 5A



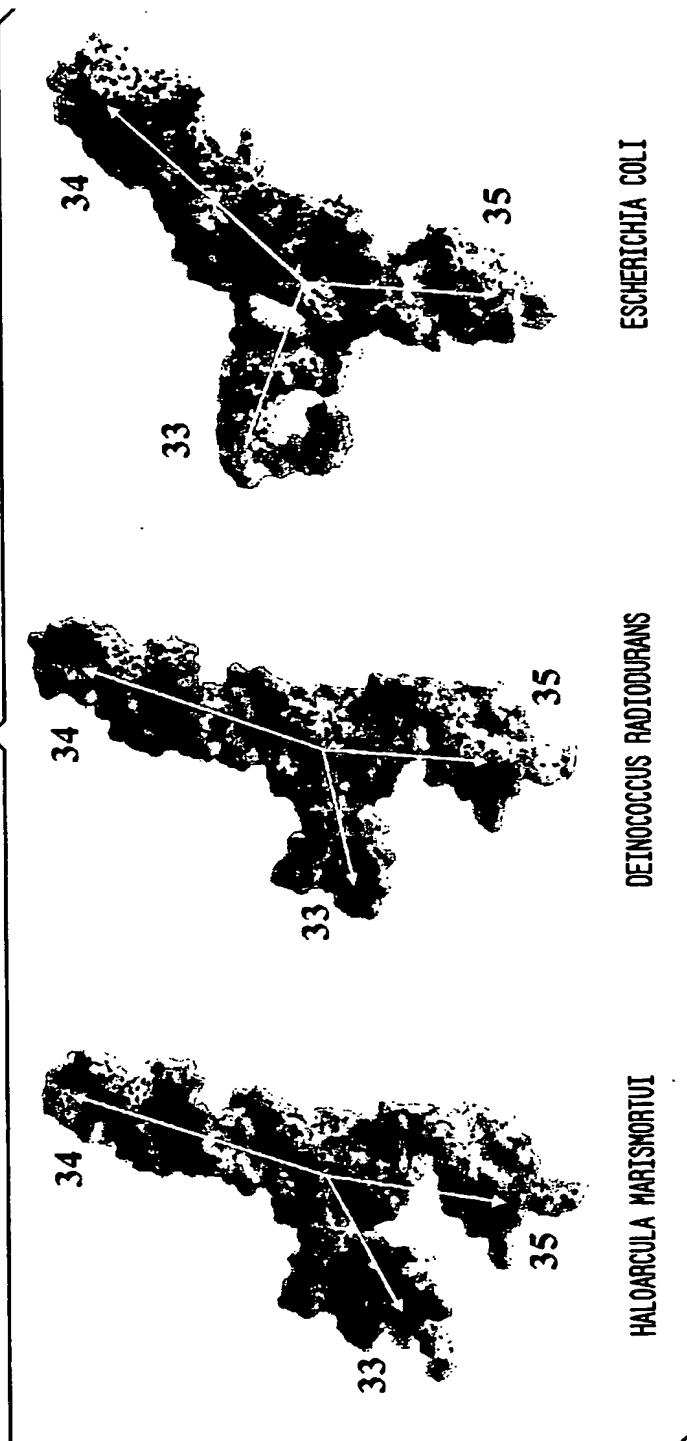
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FIG. 5B



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FIG. 5C



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FIG. 5D

